WetDataShed

Technology
WetDataShed software provides users the ability to perform wetland delineations and eco-logical or watershed scale studies using environment variables. It offers various formats for data entry, ranging from a simple delineation form to an expanded and more detailed delineation form. The current version has the complete flora of North America matching the 1988 wetland plant indicator status list currently required for delineation purposes. For the few regions that have adopted 1993 revisions of the wetland plant indicator list, or that would like to use the 1998 list, the software allows changes to be made to those species that differ in status or synonymy.

Problem
Wetland delineation is a process to determine the Federal jurisdictional limits of a wetland on a piece of property. Delineation requires a detailed and specific study of the vegetation, soils, and water on the property using methodology proscribed in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual. The process includes extremely detailed work that can be accomplished only by wetland scientists specializing in delineation. The delineation team must have skill in plant identification, soils analysis, and hydrology iden-tification.

Expected Cost To Implement
The WetDataShed executable code and documentation are public domain software that was developed by the Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory (ERDC/CRREL) for the U.S. Army Corps of Engineers.

Benefits/Savings
WetDataShed simplifies the wetland delineation process in the field and office by auto-mating calculations and providing a consistent means for collecting necessary data. All results and data are digital and exportable in several formats.

Status
The first publicly released version of WetDataShed (version 1.0) was released in January 2004 and replaced previous beta development versions that were reviewed by Corps Dis-tricts and others nationwide. This software is part of ongoing research and development efforts to support regulatory functions within the Corps of Engineers.

WetDataShed will be updated as necessary. To determine whether your version is up to date, compare the version number shown at http://www.crrel.usace.army.mil/rsgisc/wetshed/wetdatashed.htm to the version number displayed in the entry screen of Wet-DataShed that you are running. To register for notification of future versions and updates, please e-mail your name and e-mail address to wetshed@erdc.usace.army.mil.

The software has been evaluated and inspected by the NRCS Software Test Lab in Fort Collins, Colorado, and is acceptable for installation on U.S. Government computers.

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Distribution Sources
WetDataShed can be downloaded at no cost from www.crrel.usace.army.mil/rsgisc.

Available Documentation
WetDataShed is a self-extracting program (www.crrel.usace.army.mil/rsgisc). No other documentation is required.

Available Training   Training is not available.

Available Support   ERDC/CRREL provides technical support for WetDataShed only to U.S. Army Corps of Engineers users. However, all documented instances of program errors will be addressed. (Documented errors are software bugs caused by programming mistakes, not errors that are due to user-entered data.)